

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-7. (Canceled)

8. (Currently amended) In a self-boosting electromechanical vehicle brake, having a friction brake lining which is movable in one direction of rotation of a brake body that can be braked with the vehicle brake, having an electromechanical actuating device with which the friction brake lining can be pressed against the brake body for braking, and having a mechanical self-boosting device which has a wedge and an abutment for the wedge and is operative in one direction of rotation of the brake body and which converts a frictional force, exerted on the friction brake lining by the rotating brake body upon braking, into a contact pressure that presses the friction brake lining against the brake body, and the wedge is urged in the direction of rotation of the brake body by the frictional force exerted on the friction brake lining by the rotating brake body upon braking and, by being braced on the abutment because of a wedge effect brought about by the contact pressure on the friction brake lining, the improvement wherein the friction brake lining further comprises a slaving device for the wedge, which slaving device slaves the wedge to the friction brake lining in the one direction of rotation of the brake body in which the self-boosting device is operative; **and wherein roller bodies are disposed between the slaving device and the wedge**; and wherein the

vehicle brake comprises a travel limiter for the friction brake lining, which limits a travel of the friction brake lining in the opposite direction.

9. (Previously presented) The self-boosting electromechanical vehicle brake in accordance with claim 8, wherein that the vehicle brake is a disk brake.

10. (Previously presented) The self-boosting electromechanical vehicle brake in accordance with claim 8, wherein the actuating device acts on the friction brake lining indirectly via the wedge.

11. (Previously presented) The self-boosting electromechanical vehicle brake in accordance with claim 8, wherein the vehicle brake comprises a wear compensating device, which limits a displacement travel of the slaving device.

12. (Currently amended) In a self-boosting electromechanical vehicle brake, having a friction brake lining which is movable in one direction of rotation of a brake body that can be braked with the vehicle brake, having an electromechanical actuating device with which the friction brake lining can be pressed against the brake body for braking, and having a mechanical self-boosting device which has a wedge and an abutment for the wedge and is operative in one direction of rotation of the brake body and which converts a frictional force, exerted on the friction brake lining by the rotating brake body upon braking, into a contact pressure that presses the friction brake lining against

the brake body, and the wedge is urged in the direction of rotation of the brake body by the frictional force exerted on the friction brake lining by the rotating brake body upon braking and, by being braced on the abutment because of a wedge effect brought about by the contact pressure on the friction brake lining, the improvement wherein the friction brake lining further comprises a slaving device for the wedge, which slaving device slaves the wedge to the friction brake lining in the one direction of rotation of the brake body in which the self-boosting device is operative; wherein the vehicle brake comprises a travel limiter for the friction brake lining, which limits a travel of the friction brake lining in the opposite direction; wherein the vehicle brake comprises a wear compensating device, which limits a displacement travel of the slaving device; and
~~The self-boosting electromechanical vehicle brake in accordance with claim 11; wherein the~~
vehicle brake is a disk brake with a brake caliper, whose inside diameter is adjustable for wear compensation.

13. (Currently amended) In a self-boosting electromechanical vehicle brake, having a friction brake lining which is movable in one direction of rotation of a brake body that can be braked with the vehicle brake, having an electromechanical actuating device with which the friction brake lining can be pressed against the brake body for braking, and having a mechanical self-boosting device which has a wedge and an abutment for the wedge and is operative in one direction of rotation of the brake body and which converts a frictional force, exerted on the friction brake lining by the rotating brake body upon braking, into a contact pressure that presses the friction brake lining against

the brake body, and the wedge is urged in the direction of rotation of the brake body by the frictional force exerted on the friction brake lining by the rotating brake body upon braking and, by being braced on the abutment because of a wedge effect brought about by the contact pressure on the friction brake lining, the improvement wherein the friction brake lining further comprises a slaving device for the wedge, which slaving device slaves the wedge to the friction brake lining in the one direction of rotation of the brake body in which the self-boosting device is operative; wherein the vehicle brake comprises a travel limiter for the friction brake lining, which limits a travel of the friction brake lining in the opposite direction; wherein the vehicle brake comprises a wear compensating device, which limits a displacement travel of the slaving device; and
~~The self-boosting electromechanical vehicle brake in accordance with claim 11;~~ wherein the travel limiter for the friction brake lining is adjustable for wear compensation in and/or counter to the direction of rotation of the brake body.

14. (Currently amended) In a self-boosting electromechanical vehicle brake, having a friction brake lining which is movable in one direction of rotation of a brake body that can be braked with the vehicle brake, having an electromechanical actuating device with which the friction brake lining can be pressed against the brake body for braking, and having a mechanical self-boosting device which has a wedge and an abutment for the wedge and is operative in one direction of rotation of the brake body and which converts a frictional force, exerted on the friction brake lining by the rotating brake body upon braking, into a contact pressure that presses the friction brake lining against

Appl. No. 10/581,414
Amdt. dated February 19, 2009
Reply to Office action of September 19, 2008

the brake body, and the wedge is urged in the direction of rotation of the brake body by the frictional force exerted on the friction brake lining by the rotating brake body upon braking and, by being braced on the abutment because of a wedge effect brought about by the contact pressure on the friction brake lining, the improvement wherein the friction brake lining further comprises a slaving device for the wedge, which slaving device slaves the wedge to the friction brake lining in the one direction of rotation of the brake body in which the self-boosting device is operative; wherein the vehicle brake comprises a travel limiter for the friction brake lining, which limits a travel of the friction brake lining in the opposite direction; and ~~The self-boosting electromechanical vehicle brake in accordance with claim 8,~~ wherein the wedge comprises a second wedge having a face, on which the friction brake lining is braced.